

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|--------------------------------|------------------|---------|------------------|
| L1 | 120666 | (transmit\$4 or emit\$3 or radiat\$3 or transponder) with (interrogat\$3 or MHz or short\$range or "811."\$2 or IEEE or RFID or tag or near\$3) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 16:45 |
| L2 | 12048 | oscillat\$3 same (antenna or radiator) same amplif\$4 | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 12:57 |
| L3 | 1838 | (compar\$5 or convert\$3) near9 square\$wave | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 12:58 |
| L4 | 11250 | (monitor\$3 or measur\$3 or detect\$3 or sens\$3) near9 ((tire or pneumatic) near4 pressure) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 13:00 |
| L5 | 41 | 1 and 2 and 4 and (display\$3 or indicat\$3 or notificat\$3 or alarm\$3 or alert\$3 or warn\$3) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 13:01 |
| L6 | 0 | 3 and 5 | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 13:05 |
| L7 | 1 | 1 and 3 and 4 | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 13:09 |
| L8 | 2 | (5 or 7) and (series near2 resonan\$4) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 13:13 |
| L9 | 4 | (5 or 7) and (ferrite near4 (antenna or radiator)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 13:33 |
| L10 | 0 | (5 or 7) and ((active near4 resist\$4) near9 (antenna or radiator)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 13:22 |
| L11 | 7 | (5 or 7) and (resist\$4 near9 (antenna or radiator)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 13:31 |
| L12 | 18 | (5 or 7) and kHz | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 16:31 |
| L13 | 0 | (5 or 7) and ((measur\$3 or detect\$3 or sens\$3) near3 current near9 (antenna or radiator)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 13:34 |
| L14 | 6 | 1 and 4 and ((measur\$3 or detect\$3 or sens\$3) near3 current near9 (antenna or radiator)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 14:04 |

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| L15 | 0 | (5 or 7) and (Q near9 "20") | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 14:04 |
| L16 | 15 | (5 or 7) and Q | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 14:04 |
| L17 | 3692 | 1 same kHz | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 16:31 |
| L18 | 11 | (5 or 7) and 17 | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 16:31 |
| L19 | 0 | (2 same 17) and 4 | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 16:40 |
| L20 | 1 | (1 same 2) and 4 and 17 | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 16:45 |
| L21 | 11983 | (transmit\$4 or emit\$3 or radiat\$3 or transponder) with kHz | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 16:45 |
| L22 | 13 | (1 same 2) and 4 | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 16:50 |
| L23 | 0 | (21 same 2) and 4 | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/25 16:50 |

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|---------------|-----------------------------------|-----------|---|
| US 6829926 B2 | System for checking tire | 73/146.4 | 73/146; 73/146.5 |
| US 6756892 B2 | Tire pressure sensing | 340/447 | 340/442 |
| US 6683537 B2 | System of apparatus for | 340/870.1 | 73/146.2; 73/146.8 |
| US 6400261 B1 | Method of monitoring | 340/442 | 340/445; 340/447; 73/146.2 |
| US 6369712 B2 | Response adjustable | 340/572.1 | 340/425.5; 340/431; 340/442; 340/445 |
| US 7103460 B1 | System and method for | 701/29 | 701/33; 701/34; 702/183; 706/15 |
| US 7089099 B2 | Sensor assemblies | 701/32 | 701/33; 701/36 |
| US 7082359 B2 | Vehicular information | 701/36 | 701/29; 702/182; 702/183 |
| US 7076204 B2 | Multiple channel wireless | 455/3.06 | 381/14; 381/300; 381/309; 381/77 |
| US 7050897 B2 | Telematics system | 701/46 | 280/728.1; 701/36; 701/47 |
| US 6995672 B1 | Relaxation oscillator for | 340/572.1 | 340/442; 340/447; 340/514; 340/515 |
| US 6988026 B2 | Wireless and powerline | 701/29 | |
| US 6987947 B2 | Multiple channel wireless | 455/3.06 | 381/14; 381/300; 381/309; 381/77 |
| US 6980084 B1 | Power-on reset for transceiver | 340/10.34 | 340/825.69; 340/825.72 |
| US 6950009 B1 | Dual mode transmitter | 340/10.41 | 340/10.1; 340/10.3; 340/10.4; 340/10.5 |
| US 6922134 B1 | Programmable trimmer | 340/10.51 | |
| US 6850824 B2 | Method and apparatus | 701/36 | 701/29; 701/34 |
| US 6791457 B2 | Transponder, interrogator | 340/448 | 116/34R; 340/442; 340/444; 340/445 |
| US 6775632 B1 | Calibration of a transponder | 702/104 | |
| US 6738697 B2 | Telematics system for | 701/29 | 701/34 |
| US 6658928 B1 | Method of monitoring | 73/146 | |
| US 6543279 B1 | Pneumatic tire having | 73/146.5 | 340/445; 340/447; 73/146.4 |
| US 6531957 B1 | Dual mode transmitter | 340/10.1 | 340/10.3; 340/10.4; 340/10.41; 340/10.5 |
| US 6486776 B1 | RF transponder and network | 340/521 | 340/442; 340/445; 340/447; 340/448 |
| US 6412977 B1 | Method for measuring | 374/178 | 323/315; 327/538; 327/539; 327/540 |
| US 6114971 A | Frequency hopping spread spectrum | 340/10.3 | |
| US 6107910 A | Dual mode transmitter | 340/10.1 | 340/10.3; 340/10.4 |
| US 5953681 A | Autonomous node for | 702/31 | |
| US 5465079 A | Method and apparatus | 340/576 | 180/272; 340/425.5; 340/439 |
| US 5335541 A | Portable apparatus for | 73/146.5 | 340/445 |
| US 4609905 A | Tire condition monitor | 340/447 | |

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US 6799129 B2

Method and system fo 702/73

340/442; 702/138; 73/146.2

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US 3810090 A
US 3805229 A

PNEUMATIC TIRE LC 340/447
SELF-PULSING TRAI 340/447

200/61.22; 455/99
200/61.22; 455/99

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|---------------|--------------------------------|---------------------------------|
| US 6591671 B2 | Monitoring pneumatic 73/146.5 | 340/442; 340/445; 73/146 |
| US 6518877 B1 | Pneumatic tire monito 340/447 | |
| US 7021132 B2 | Measuring system for 73/146.5 | 340/442; 340/444; 73/146 |
| US 4450431 A | Condition monitoring : 340/447 | 340/505; 340/539.1; 340/870.31; |

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|---------------|------------------------|-----------|-----------------------------------|
| US 6535116 B1 | Wireless vehicle moni | 340/447 | 340/438; 340/442 |
| US 6531957 B1 | Dual mode transmitter | 340/10.1 | 340/10.3; 340/10.4; 340/10.41; 34 |
| US 6950009 B1 | Dual mode transmitter | 340/10.41 | 340/10.1; 340/10.3; 340/10.4; 34 |
| US 6507276 B1 | Tire pressure monitori | 340/447 | 340/442; 340/539.1; 73/146.5 |
| US 6453737 B2 | Tire pressure sensory | 73/146.5 | 340/447 |
| US 6408690 B1 | Tire pressure sensory | 73/146.5 | |
| US 6107910 A | Dual mode transmitter | 340/10.1 | 340/10.3; 340/10.4 |

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| US 5562787 A | Method of monitoring | 156/64 | 152/152.1; 701/29; 701/35; 702/1 |
| US 7086593 B2 | Magnetic field respon: | 235/449 | 235/435 |
| US 6965816 B2 | PFN/TRAC system F | A 701/16 | 244/189; 701/2 |
| US 6823244 B2 | Vehicle part control sy | 701/29 | 701/34; 701/36 |
| US 5602540 A | Fluid gauging apparat | 340/870.37 | 340/870.31; 73/304C |
| AU 95203(A2, A3, B1 | Embedding monitoring device within tyre during its mfr. - by assembl | | |

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|---------------|-----------------------------------|-----------------------------------|
| US 7021132 B2 | Measuring system for 73/146.5 | 340/442; 340/444; 73/146 |
| US 6791457 B2 | Transponder, interrog 340/448 | 116/34R; 340/442; 340/444; 340/ |
| US 6591671 B2 | Monitoring pneumatic 73/146.5 | 340/442; 340/445; 73/146 |
| US 6531957 B1 | Dual mode transmitter 340/10.1 | 340/10.3; 340/10.4; 340/10.41; 34 |
| US 6518877 B1 | Pneumatic tire monito 340/447 | |
| US 7103460 B1 | System and method for 701/29 | 701/33; 701/34; 702/183; 706/15 |
| US 6950009 B1 | Dual mode transmitter 340/10.41 | 340/10.1; 340/10.3; 340/10.4; 340 |
| US 6448903 B1 | Device for detecting ir 340/870.0 | 114/219; 340/10.32; 340/10.34; 3 |
| US 6114971 A | Frequency hopping system 340/10.3 | |
| US 6107910 A | Dual mode transmitter 340/10.1 | 340/10.3; 340/10.4 |
| US 4334215 A | Continuous heat and 340/447 | 116/34R; 200/61.22; 73/146.2 |

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|---------------|---|-----------|----------------------------------|
| US 6611224 B1 | Backscatter transponder | 342/42 | 342/175; 342/43 |
| US 6535116 B1 | Wireless vehicle monitoring | 340/447 | 340/438; 340/442 |
| US 6448903 B1 | Device for detecting infrared | 340/870.0 | 114/219; 340/10.32; 340/10.34; 3 |
| US 5853020 A | Miniature combination | 137/227 | 137/557; 340/447; 73/146.5 |
| US 7106246 B1 | Oscillator coupled to a | 342/51 | 342/175; 342/194; 342/42; 342/82 |
| US 7065459 B2 | Interrogation method | 1702/77 | 340/572.1 |
| US 6945103 B1 | Tire status monitoring | 73/146.5 | |
| US 6507276 B1 | Tire pressure monitoring | 340/447 | 340/442; 340/539.1; 73/146.5 |
| US 6453737 B2 | Tire pressure sensor | 73/146.5 | 340/447 |
| US 6408690 B1 | Tire pressure sensor | 73/146.5 | |
| US 6199575 B1 | Miniature combination | 137/227 | 137/557; 340/447; 73/146.5 |
| US 6060815 A | Frequency mixing process | 310/318 | |
| GB 2355801 A | Remote interrogation of the frequency difference between two surfaces | | |

L22